

**VOH1012 /
VOH1012 S /
VOH1012 P**

**DROP-DOWN
VIDEO
MONITOR**



Operation Manual

128-7288

128-7288

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Important Notice

An LCD panel and/or video monitor may be installed in a motor vehicle and visible to the driver if the LCD panel or video monitor is used for vehicle information, system control, rear or side observation or navigation. If the LCD panel or video monitor is used for television reception, video or DVD play, the LCD panel or video monitor must be installed so that these features will only function when the vehicle is in "park" or when the vehicle's parking brake is applied.

An LCD panel or video monitor used for television reception, video or DVD play that operates when the vehicle is in gear or when the parking brake is not applied must be installed to the rear of the driver's seat where it will not be visible, directly or indirectly, to the operator of the motor vehicle.

Warnings

Do not use any solvents or cleaning materials when cleaning the video monitor.

Do not use any abrasive cleaners, they may scratch the screen. Use only a lightly dampened lint free cloth to wipe the screen if it is dirty.

Lock the LCD screen in the fully closed position when not in use.

Before putting on headphones always adjust the volume setting to the lowest position.

Remember to leave the dome light switch in the off or auto positions when the vehicle is unattended, as the dome lights, if left on, can drain the vehicle's battery.

Do not put pressure on the screen.

Caution children to avoid touching or scratching the screen, as it may become dirty or damaged.

Television Reception

This entertainment system is designed primarily for viewing prerecorded movies or playing video games. Television reception in a moving vehicle will be limited and in some areas will not be possible due to weak and variable signal strength. Television viewing in a stationary vehicle will result in an improvement, but may still be marginal due to signal strength. The quality of the picture will not be consistent with home TV reception. Reception may be affected by weather and distance from TV station. A weak signal may cause the picture to roll, be snowy, or cause some color loss.

Congratulations on your purchase of the Audiovox VOH1012 Drop-Down Video/Monitor. The VOH1012 has been designed to give you and your family many years of video entertainment in the mobile environment. Please read the directions that follow to familiarize yourself with the product and to ensure that you obtain the best results from your equipment.

Please note: Installation options vary, see the individual owner's manuals for each component in your system to obtain a full understanding of each component's operation.

Safety Precaution

For safety reasons, when changing video media it is recommended that the vehicle is not in motion, and that you do not allow children to unfasten seat-belts to change video media or make any adjustments to the system. System adjustments can be accomplished using the remote control, while seat-belts remain fastened. Enjoy your Audiovox entertainment system but remember the safety of all passengers remains the number one priority.

Features

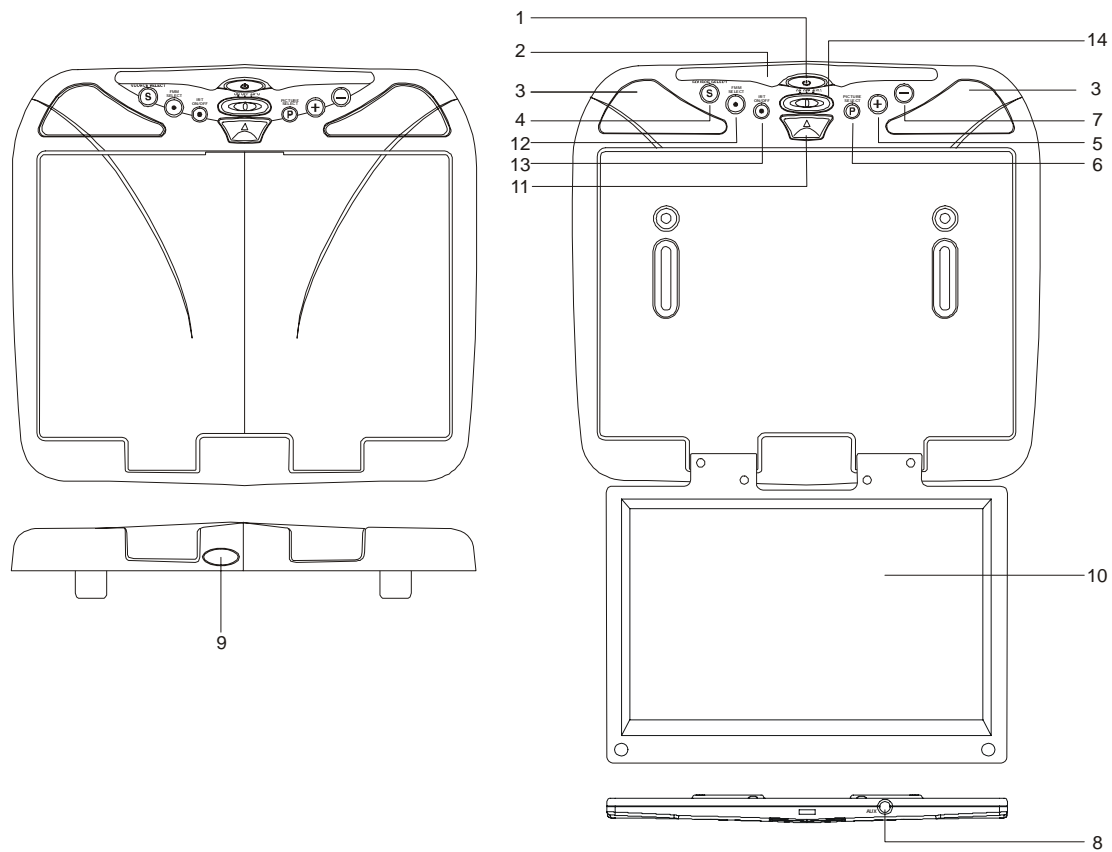
- **10.2 Inch TFT (Thin Film Transistor) Active Matrix LCD (Liquid Crystal Display) Monitor**
- **OSD (On Screen Display) for Control of Picture Quality and Functions**
- **Input for Optional TV Tuner***
- **Full Function Remote Control**
- **Infrared Transmitter for IR Wireless Headphones**
- **Three Audio / Video Inputs (AV1/AV2/AUX)**
- **Built-in Five Frequency Wireless FM Modulator (**Optional Relay Box)**
- **Forward and Rear Remote Sensor**
- **Dome Lights with 3-Position Switch**
- **Backlit Controls for Low Light Operation**

Options

* Audiovox P/N PODTVT

** Audiovox P/N SIRS WB

Controls and Indicators Diagram

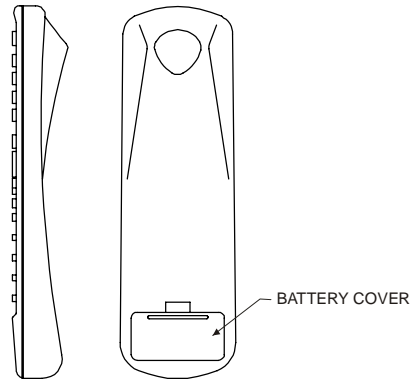


Control Function Descriptions

1. **POWER Button** – Used to turn the system ON/OFF. Bright red when system is on, dim when off.
2. **Infrared Transmitter and Sensor** – Use to transmit audio to the wireless headphones. Also allows the remote control to operate the VOH1012 and to control other accessories in the system.
3. **Dome Lights** – Provide additional interior illumination.
4. **SOURCE Select** – Used to select one of the three sources (AV1, AV2, AUX, *TV Optional).
5. **(+) Button** – Used to increase levels in the picture adjustment mode.
6. **PICTURE SELECT Button** – Allows the user enter the picture adjustment mode.
7. **(–) Button** – Used to decrease levels in the picture adjust mode.
8. **Auxiliary A/V Input** – Allows input from an external source using the supplied A/V adapter cable.
9. **Rear Infrared Sensor** – Allows the remote control to operate the VOH1012 and other accessories.
10. **Drop Down LCD Panel.**
11. **Screen release** – Moves in direction of the arrow to release the drop down screen.
12. **FM Select Button** – When this button is pressed it will turn on the wireless FM Modulator and then cycle through the available FM frequencies (Channel 1, 88.3MHz; Channel 2, 88.7MHz; Channel 3, 89.1MHz; Channel 4, 89.5MHz; Channel 5, 89.9MHz and OFF).
13. **IRT ON/OFF** – When this button is pressed it will turn the IR Transmitter ON/OFF for use with IR Wireless Headphone Channel A.
14. **Three position Dome Light Switch***
 - Auto – Automatically switches on the dome lights in conjunction with the vehicle's interior illumination.
 - Off – The dome lights will not turn on in this position.
 - On – Turns on the dome lights.

*Refer to Installation Guide for wiring instructions.

Remote Control Operation



Battery Installation

Before attempting to operate your Remote Control, install the batteries as described below.

- 1) Turn the Remote Control face down. Using a fingernail, lift the battery cover off.
- 2) Install two "AAA" batteries as shown. Make sure that proper polarity (+ or -) is observed.
- 3) Align the cover tabs with the remote control and press down until the cover clicks.

The remote control will operate the VOH1012 and most Audiovox VCP's. It is not a universal remote control and will not control equipment from other manufacturers.

Remote Control Function Descriptions

*Function control is available on the unit and the remote control.

** Not used in this model

*** The TV Option will only be displayed and the TV control functions are only available if the optional TV Tuner (P/N PODTVT) is installed.

1. POWER Button*

Press this button to turn the VOH1012 on. Press the button again to turn the VOH1012 off.

2. SOURCE Button*

Each time the button is pressed, the audio / video source will change: DVD, AV1, AUX and TV***.

3. AUTO MEMORY Button (AUTO PROGRAM Button)***

When the AUTO MEMORY button is pressed, all channels are searched and channels that are detected with signals of sufficient levels are automatically stored.

4. SKIP/SEARCH Button***

This button selects between SKIP and SEARCH mode. In "SKIP mode" the TV tuner will tune and stop only on channels that are programmed into memory when CHANNEL UP/DOWN buttons are used. In search mode, the TV tuner will stop on all active channels.

5. ERASE/WRITE Button***

While tuned to a channel, pressing this button will store or erase the channel from memory. The stored channel numbers are displayed in "GREEN" and the erased channel numbers are displayed in "RED".

6. Channel Up (▲) Button***

Use this button to increase the channel number to the desired channel.

7. MUTE Button

Press this button to mute the audio. Pressing the button again restores the audio to the previously set level.

8. ENTER Button**

9. LEFT (◀) Button**

10. MENU Button**

11. RETURN Button**

12. TV Mode Select Button***

Switches certain function keys on the remote control for TV functions.

13. DVD Mode Select button**

14. DISPLAY Button**

15. FM TRANSMITTER ON/OFF Button

Turns the FM Modulator ON/OFF.

16. Audio button**

17. ZOOM Button**

18. PAUSE () Button**

19. STOP (■) Button**

20. PREVIOUS (I◀◀) Button**

21. NEXT (▶▶I) Button**

22. REV (◀◀) Button**

23. FWD (▶▶) Button**

24. PLAY (▶)Button**

25. ANGLE Button**

26. SUBTITLE Button**

27. SOURCE SELECT Button**

28. CHANNEL SELECT Button* (FM Select)

Selects the FM modulator Frequency (Frequency 1, 88.3MHz, Frequency 2, 88.7MHz, Frequency 3, 89.1MHz, Frequency 4, 89.5MHz, Frequency 5, 89.9MHz).

29. VCP Mode Select button

Switches certain function keys on the remote control for VCP functions.

30. Screen Mode Button

Allows the user to change the screen aspect ratio to either 4:3 or 16:9.

31. A-B Button**

32. REPEAT Button**

33. Channel Down (▼) Button***

Use this button to decrease the channel number to the desired channel.

34. SETUP Button**

35. RIGHT (►) Button**

36. PIX Button (PICTURE SELECT)

Each time this button is pressed, the OSD will display the “adjustment bars” for BRIGHTNESS, CONTRAST, COLOR or TINT. Once the desired adjustment bar is displayed, use the -/+ buttons to adjust the selected function. The display will automatically turn off if no adjustments are made within 6 seconds, or if any other button is pressed.

37. (-) Button*

Use this button to decrease the level of the selected picture adjustment.

38. (+) Button*

Use this button to increase the level of the selected picture adjustment.

39. NUMBER Buttons***

Allows the user to enter numbers 0 to 9 for direct access to TV channels.

40. IRTA ON/OFF Button

Turn Infrared Transmitter power ON/OFF for IR Wireless Headphone Channel A.

41. IRTB ON/OFF Button**

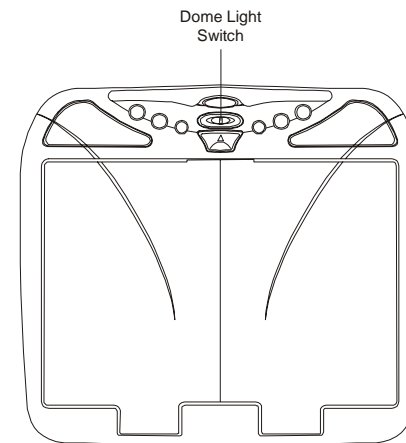
42. EJECT (■)Button**

Turning the VOH1012 On or Off

1. Sliding the screen release lock forward will unlock the LCD screen and it will drop down slightly. Pivot the screen downward until a comfortable viewing angle is reached. The internal hinge friction will hold the screen in position while the system is in use.
2. Pressing the power button on the unit or the remote control will turn the system on or off alternately. When in use the internal backlighting will illuminate the controls.
3. After the unit has been turned on. Adjust the viewing angle by pivoting the screen to optimize the picture quality.
4. Remember to turn the unit off and pivot the LCD to the locked position when not in use.

Overhead Dome Lights

The lights integrated into the VOH1012 are controlled by a three position slide switch. Sliding the switch to the on position will turn the lights on. The off position will prevent the lights from turning on at all times, and the auto position will allow the lights to turn on and off with the vehicle's interior lighting. Refer to the Installation Manual for the wire connections. Do not leave the vehicle unattended with the dome light switch in the on position, as this could result in a discharged battery.



Remote Sensor

The VOH1012 incorporates two Infrared sensors which relay signals from the remote control to allow the unit to be controlled simply by pointing its remote control at the remote sensor eye. The repeater function allows control of auxiliary equipment such as an Audiovox DVD Player. The infrared sensor can relay signals from most manufacturer's remote controls to its respective component connected to the AV 1 or AV 2 input. In this case you must use the remote control supplied with the component.

Accessories

Wireless Headphones

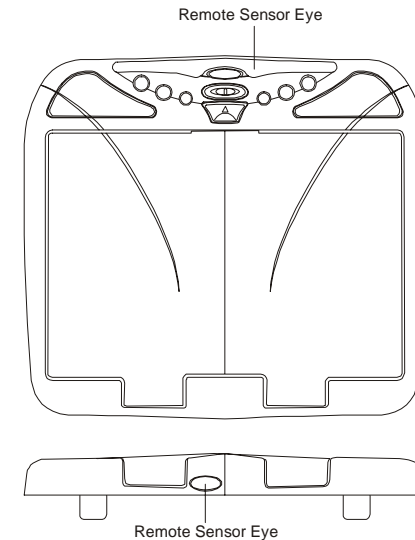
The VOH1012 includes a built-in infrared transmitter for use with Audiovox wireless headphones (Part Number MVIRHS). The volume can then be adjusted using the controls on each headset. Any number of wireless headphones may be used but they must be used within a line of sight from the transmitter, as infrared transmissions, like visible light travel only in a straight line. See the documentation accompanying your Audiovox wireless headphones.

Wireless FM Modulator

The VOH1012 is equipped with built-in wireless FM Modulator*, that allows you to listen to the VOH1012 audio signal by tuning your vehicle's radio to the selected frequency, (88.3, 88.7, 89.1, 89.5, 89.9MHz). This feature is accessed by using either the FM transmitter buttons on the remote (On/Off, Channel Select) or the FM Select button on the unit.

***NOTE:** In certain areas where there are a large number of FM radio stations (e.g. large cities, urban areas), the reception of the FM signal from the overhead pod may not be satisfactory, resulting in static, distorted sound or signal bleed thru from strong local radio stations. This is not a defect in the product, but the result of a stronger local radio station overpowering the wireless FM transmitter in your overhead pod.

If wireless reception is unsatisfactory, an optional wired relay box (Audiovox P/N SIRS WB) can be installed which will improve audio quality. Please contact the installer if this is the case with your product.



AV1 / AV2 Input

The AV1 and AV2 video input may be connected to a DVD Player, Video Cassette Player (VCP), video game system, or other audio / video devices. To access the AV1 or AV2 input, turn the VOH1012 on and press the source button on the VOH1012 or the Source button on the remote control until "AV1" or "AV2" is displayed on the screen. Turn the video source component on with its power button or remote control. The VOH1012 is now ready to play the audio and video signals from the source connected to the AV1 or AV2 input. The AV1 or AV2 input requires a 8010730 cable.

AUX A/V Input

The VOH1012 will accept an audio/video input through the 1/8 jack* located on the bottom of the screen housing. The audio / video device could be a video game system, video camera, or other input device.

Audio/Video Out

The VOH1012 provides an AV output for an optional video monitor(s). (Refer to page 6 of the Installation Guide for more details.) This output will provide an A/V signal that duplicates the signal processed by the VOH1012 to an additional monitor or video display. The audio signal can also be used to feed an AUX input on a vehicle radio if available. Please see your installer for more information.

*Use with supplied AV adaptor cable.

Troubleshooting

<u>PROBLEM</u>	<u>SOLUTION</u>
Poor in-vehicle radio reception	<ul style="list-style-type: none">• Check the condition of the vehicle's radio antenna.• Verify that the antenna is fully raised.• If a relay box (SIRSWB) has been insatalled, make sure that the FM Modulator is turned OFF.• If a wired FM modulator has been installed, verify that it is turned OFF by using the remote or switch.
IR sensor inoperative	<ul style="list-style-type: none">• Verify that the batteries in the remote are fresh.• Verify that the remote sensor eye is not obstructed.• Verify that the infrared transmitter is affixed over the sensor eye of the component to be controlled.

Replacement Parts		Specifications	
Remote Control	1363855	LCD Backlighting	CFFL
A/V Adapter	1123227	Resolution	800 x 480
		Pixels	1,152,000
		Operation Temperature	32 -140° F (0 - 60° C)
		Storage Temperature	-4 - 158° F (-20 - 70° C)
		Backlight life	30,000 Hours
		Video Display System	NTSC/PAL
		Video Output	1.0Vp-p @ 75 ohms
		Power Source	12V DC
		Dimensions	W X H X L
			9.65" X 1.0" X 10.6"
			(245) X (25) X (270)mm



12 MONTH LIMITED WARRANTY

Applies to Audiovox Mobile Video Products

AUDIOVOX ELECTRONICS CORP. (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to tapes, discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

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